ABSTRACT

The method comprises setting a threshold value, dividing the combined signal into blocks, comparing the values of each block with the set threshold value and if the threshold value is exceeded, decorrelating the block where the threshold value was exceeded and a pre-determined number of channelization codes, which have a pre-determined spreading factor. The decorrelation result is normalized to determine first weighting coefficients. The method also comprises comparing each combination of a first weighting coefficient and a related channelization code with the set objectives and determining second weighting coefficients for the downlink transmissions selected as a result of the comparison. The examined block is re-formed using combinations of the channelization codes and the weighting coefficients that were determined.
(Figure 7)